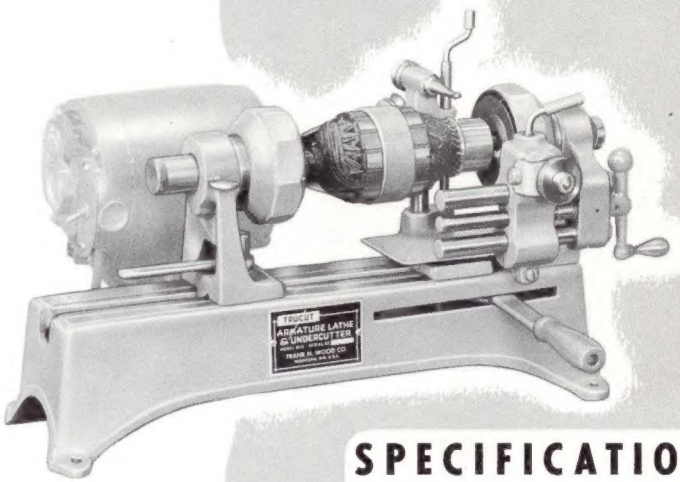
TRUCUT
ARMATURE LATHE AND UNDERCUTTER . . .

Simple to use, trouble-free and long lasting, the TRUCUT Armature Lathe and Undercutter offers the best method of machining commutators. All leading armature manufacturers recommend turning armatures on the shaft bearing surface, as is done with TRUCUT, because the commutators will then be perfectly true with the bearing surfaces, when machined.

These valuable TRUCUT tools quickly pay for themselves in the *extra* earnings you get from generator and starter repair by doing it yourself. Take advantage of the money-making opportunities in light ignition work that is easy to handle, but highly profitable. TRUCUT saves you the time and expense of sending this work out, lets you use off hours repairing your own stock of replacement units, brings in new profits.



Model B-10

Shipping weight,
less M-160 Motor . . . 41 lbs.

SPECIFICATIONS

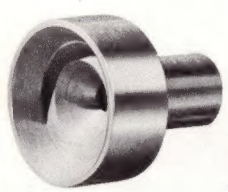
Bench Space .....14" x 18¾"
Swing over bed .....7 inches
Chuck Capacity .....$\frac{13}{64}$" x 1$\frac{1}{16}$"
Handles commutators .....up to 3½" dia. 2½" long

STOCK NO. B-10 includes mica undercutter — quick acting tailstock wrench — 2 centering chucks — motor base and bolts — motor pulley — armature drive belt — undercutter drive belt — belt tension adjusting post — tool-holder — tool bit — 3 undercutter saws.

STOCK NO. B-15: Same as above, except direct motor driven (115V-60C-1520 RPM) undercutter, no undercutter belt.

STOCK NO. M-160: NOT INCLUDED WITH EITHER B-10 OR B-15, but used as armature drive motor with both and as undercutter drive motor with B-10. See price sheet.

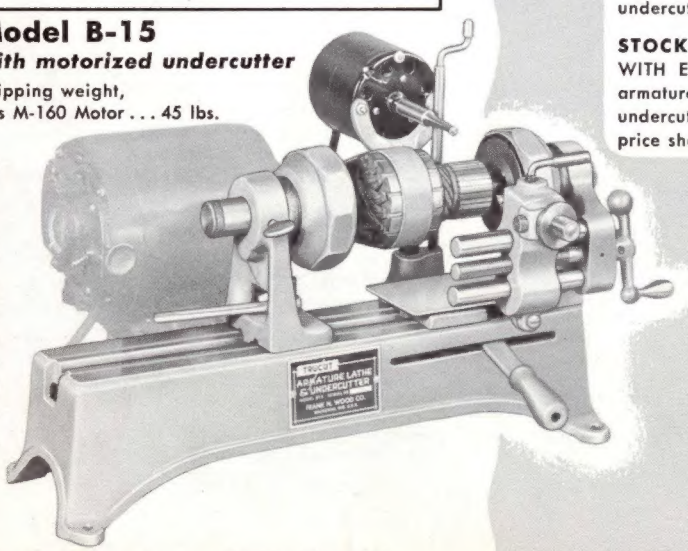
DOUBLE CUP CENTER



STOCK NO. 242 — used with TRUCUT Armature Lathe. For turning late model Ford Motor Company armatures which have short shaft on commutator end. The shaft centers in this double cup, which is placed in the headstock chuck of the lathe. The larger cup allows the bearing to be left on, while the smaller cup seats the shaft with the bearing removed.

Model B-15
with motorized undercutter

Shipping weight,
less M-160 Motor . . . 45 lbs.



NEW!

This new model B-15 TRUCUT armature Lathe with Motorized Undercutter has the simplicity, durability and accuracy of the standard Model B-10, plus the greater speed and convenience of a direct motor driven undercutter.

We reserve the right to alter the design of any equipment illustrated.

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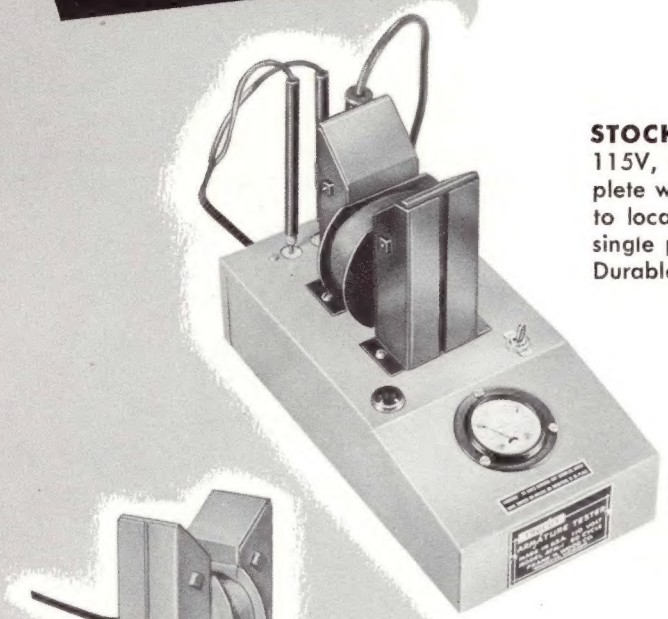
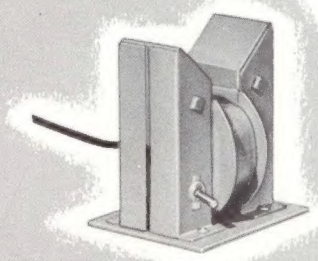
TRUCUT
ARMATURE TESTER....

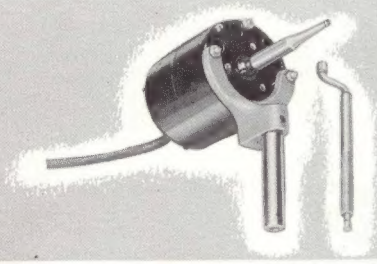


STOCK NO. ATM-1 — Shipping weight 13 lbs., 115V, 60C. Dimensions 12" x 6" x 8½" high. Complete with 0 to 30 Ampere meter and double test prod to locate opens and shorts. Also has test circuit with single prods and ruby jewel light to indicate grounds. Durable metal case in attractive bright red color. New design for greater convenience.



STOCK NO. AT-2 — This has the same laminations and core as our Stock No. ATM-1. It will test for shorts, opens and grounds, by means of a hack saw blade. An economical growler, well built for automotive use.

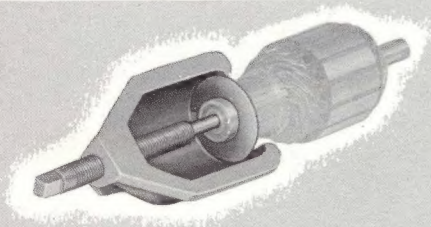
Dimensions 4½" x 4¾" x 6".
Shipping weight 9 pounds.



MOTORIZED UNDERCUTTER ASSEMBLY

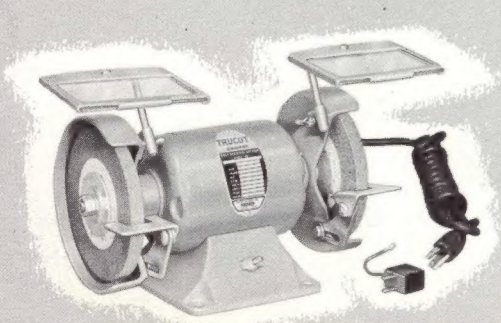
STOCK NO. 3000 — For converting Model B-10 lathes to new B-15 type with direct motor driven undercutter. Includes 115V, 60C, 1520 RPM motor, cord, plug, switch, undercutter spindle and set screw, saw retaining screw, motor mounting bracket, post and set screw, special adjusting crank.

Shipping weight 7 pounds.



FORD GENERATOR BEARING PULLER

STOCK NO. FBP—Trucut Bearing Puller. Generator bearings on Ford, Mercury and Lincoln generators are often very hard to remove without breakage. The Trucut Bearing Puller removes them in a hurry, without damaging the bearing or the commutator. The unit is held in a vise when used. Supplied with one slotted washer.
Shipping weight 3 pounds.



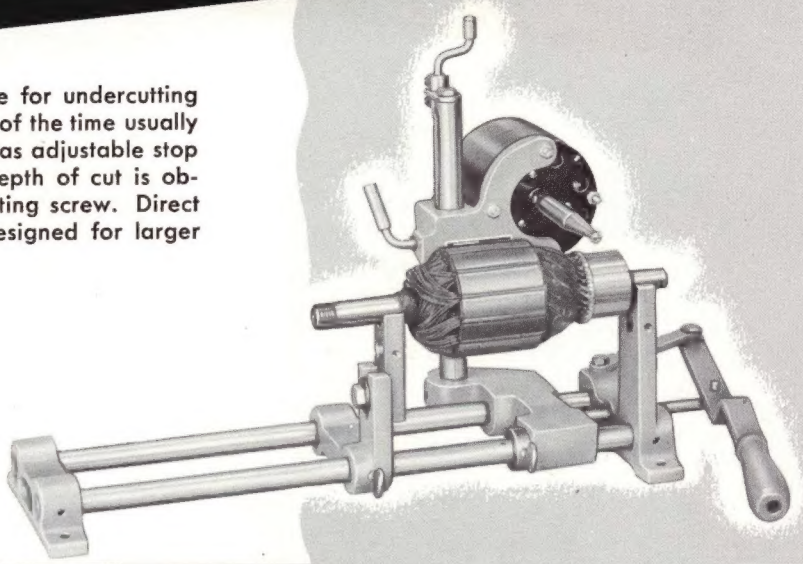
TRUCUT BENCH GRINDER

MODEL NO. BG-1 — Designed to give maximum utility and service at minimum cost. UL approved design. Rugged ¼ HP-115V-60C-3450 RPM-1 PH motor. One year guarantee. Two high quality aluminum oxide wheels, 6" x ½", one fine, one coarse. Removable wheel guards allow use of buffing and grinding wheels. Tool rests fully adjustable for wheel wear and for desired grinding angle. Rubber mounted base. Includes everything shown, except Eye Shields, which are available as an accessory.

Shipping weight 30 pounds.

We reserve the right to alter the design of any equipment illustrated.

TRUCUT
MICA UNDERCUTTER....

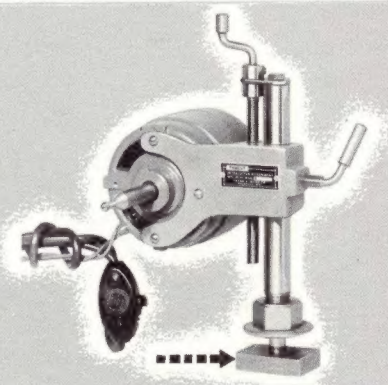


STOCK NO. 30 — An ideal machine for undercutting commutators. Requires only a fraction of the time usually needed. Will not pull into segments. Has adjustable stop to regulate length of cut. Uniform depth of cut is obtained by means of the vertical adjusting screw. Direct motor drive. No belts needed. Redesigned for larger capacity. Centers available.

SPECIFICATIONS

Handles any armature up to 13" combined core and commutator length, REGARDLESS OF SHAFT LENGTH. Maximum core diameter 7". Maximum commutator diameter 6". Maximum length of cut 3½". Includes 115V-60C-1520 RPM motor with cord, plug, switch and 3 undercutter saws.
Shipping weight 20 pounds.

MICA UNDERCUTTER ATTACHMENT

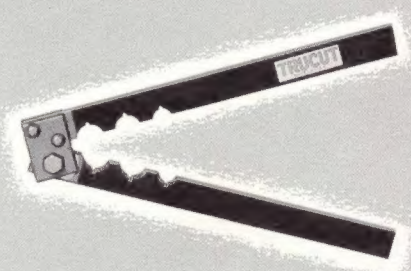


STOCK NO. 40L, for general purpose engine lathes, is easily attached to lathe in place of tool post. Handles commutators up to 6" in diameter. Includes 115 volt, 60 cycle motor, 1520 rpm, with cord, plug, switch and 3 undercutter saws. Direct motor drive. No belts needed.

Specify Size of Opening at End of Slot on Compound Rest, so that proper size slot nut can be furnished, as indicated by the arrow.

Shipping weight 9 pounds.

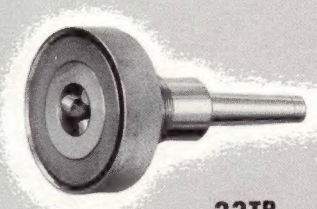
ARMATURE SHAFT RE-THREADING TOOL



STOCK NO. 100-A—Clamp on base of thread and screw armature off. Designed for the generator or armature rebuilder, but also valuable for restoring threads on special bolts. Made of highest grade hardened steel. Die sizes are ½-20, .590-20 and .6665-20. Die size .590-20 fits Ford tractor armatures.

Shipping weight 2 pounds.

TAILSTOCK REST FOR LATHES



22TR

For general purpose engine lathes. An accurate, self-centering tailstock chuck, for supporting armature shafts while machining commutators. Equipped with three bronze jaws, adjustable from ¼" to 1". Commutators are machined with shaft bearing surface riding on adjustable bronze jaws. No bushing or adaptors needed. Battered shaft ends are no problem.

STOCK NO. 21TR has No. 1 Morse taper arbor.
STOCK NO. 22TR has No. 2 Morse taper arbor.
STOCK NO. 23TR has No. 3 Morse taper arbor.
Shipping weight 3 pounds.

IMPORTANT — BE SURE TO SPECIFY TAPER WANTED.

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344 W. MAIN ST., WAUKESHA, WIS.

NEW TRUCUT HYDRAULIC UTILITY PRESS . . .

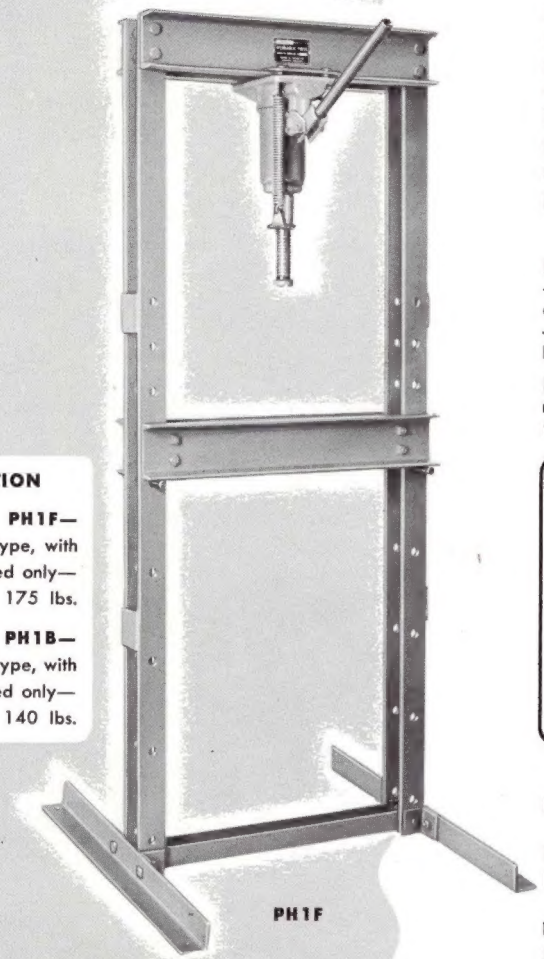
FLOOR OR BENCH TYPE

Places 20,000 pounds of pressure at your command, more than enough to handle most of the jobs the average shop encounters. Specially designed attachments speed assembling and dismantling of starters and generators. Removes pulleys, gears, and bearings, expands pole shoe pieces, extracts and inserts pole shoe screws, straightens shafts, removes and installs axle bearings, and does many other general purpose press jobs.

SPECIFICATIONS

PH1B BENCH TYPE capacity 10 tons — 18½" from table to ram — 4" screw travel — 6½" ram travel — 10½" total — 1¼" diameter screw — 2" opening in uprights — 1⅝" diameter of ram — Acme thread 5 per inch — distance between uprights 19¾" — bench space 6½" x 24" — 3" x 19¾" opening in bed.

PH1F FLOOR TYPE same as bench type except 52" from table to ram. Floor space 28" x 28". Has feet and welded supports for floor mounting.

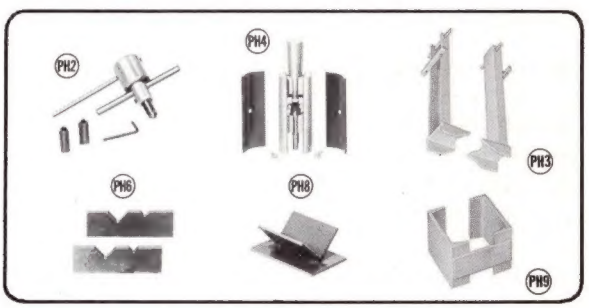


PH1F

DESCRIPTION

Stock No. PH1F— Press, Floor type, with adjustable bed only— Shipping wt. 175 lbs.

Stock No. PH1B— Press, Bench type, with adjustable bed only— Shipping wt. 140 lbs.



ATTACHMENTS

PH-2 Pole Shoe Screw Driver Unit, includes 1 straight bit 3/32" and 2 square bits 7/32" and 5/32".

PH-3 Hanging Puller Bars, adjustable and removable.

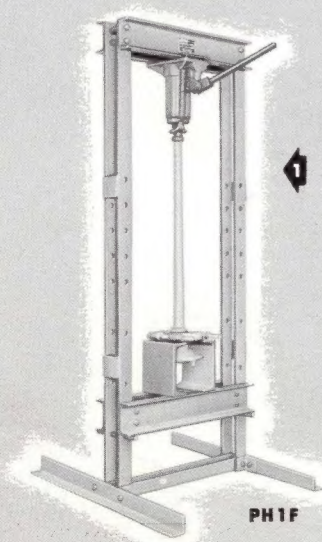
PH-4 Pole Shoe Expander Unit, Min. diam. 2¾". Max. diam. 3¾". Includes one pair of extension plates.

PH-4A Extra pair of Extension plates, increases max. diam. by ⅜".

PH-6 Pair of Straightening Blocks.

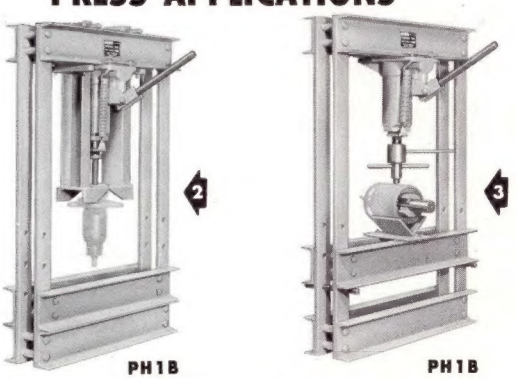
PH-8 V-Block.

PH-9 Axle Bearing Fixture for Model PH1F Press only.



PH1F

PRESS APPLICATIONS



PH1B PH1B

1 Removing axle bearing.

2 Removing pulley.

3 Inserting pole shoe screw and expanding pole shoes.

We reserve the right to alter the design of any equipment illustrated.

Litho in U.S.A. d-m 59

New TRUCUT MANUAL UTILITY PRESS....

Get ALL the profits by doing complete repairs on marine, auto and most truck generators and starters. A small investment in the new TRUCUT Manual Utility Press makes quick easy work of these, and many other, jobs. Soon pays for itself.

Stock No. MP-1

Time Saving- Low Cost- Profit Making.

The Pole Shoe Support with spring-loaded center simplifies installation or removal of pole shoes without damage to generator or starter case. Heavy steel beds are notched on one side to hold Pole Shoe Support, or for other V-rest applications. Flat side is used with bearing or pulley puller plates, etc. The Pole Shoe Screw Driver, with three interchangeable bits, easily removes or inserts pole shoe screws without stripping the threads. And the press with attachments costs no more than similar attachments alone.

INCLUDES: Frame, screw, thrust bearing, anvil, turning bar for screw, support rods, mounting hardware, 2 beds notched on one side for V-rests and flat on opposite side, Pole Shoe Support with spring-loaded center, Pole Shoe Screw Driver with turning bar — 1 straight bit 3/32" — 2 square bits 7/32" and 5/32", Allen head wrench.

ALSO AVAILABLE: #3 Phillips bit

SPECIFICATIONS

Shipping weight	29 pounds
Bench space needed	6" x 10"
Inside width	7"
Distance between uprights	3"
Screw travel	5"
Diameter of screw	1"

POWER TIMING LIGHT

For 6 or 12 volt systems — battery operated. Internal relay automatically selects correct circuit. Long, heavy-duty leads and an adaptor to fit all modern engines. High powered brilliant white light for easy visibility under all conditions. Handy trigger switch for economy. Removable guard cap to prevent damage to light tube. A precision instrument, beautifully designed, heavily chromed, comfortably balanced. Complete instructions furnished.

Stock No. PTL-11

Shipping weight 5 pounds.

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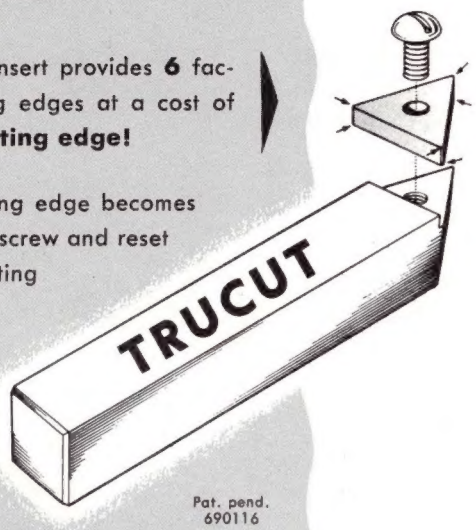
TRUCUT
CARBIDE BRAKE DRUM CUTTING TOOL....

Genuine Carbide Insert provides **6** factory ground cutting edges at a cost of **only 38¢ per cutting edge!**

When cutting edge becomes dull, simply loosen screw and reset insert until all 6 cutting edges have been used.



Pat. pend. 690116

- **SAVE ON TOOL HOLDER**
- **SAVE ON COST PER CUTTING EDGE**
- **SAVE GRINDING & SHARPENING TIME**
- **GAIN BRAKE JOB PROFITS**

Replacement inserts.... just use and throw away!

STOCK NO. A-6 KIT: For Ammco, Dixie, Star and Van Norman lathes.
Contains ⅜" square toolholder with 3 Carbide inserts (18 cutting edges).

STOCK NO. R-6 KIT: For Barrett, Lempco and Reese lathes.
Contains ⅜" square toolholder with 3 Carbide inserts (18 cutting edges).

STOCK NO. R-10 KIT: For large Lempco lathe.
Contains ⅝" square toolholder with 3 Carbide inserts (18 cutting edges).

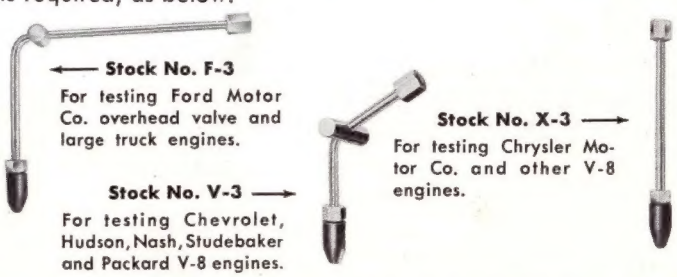
STOCK NO. L-10 KIT: For large Van Norman lathe.
Contains ⅝" square toolholder with 3 Carbide inserts (18 cutting edges).

STOCK NO. T-8 KIT: Replaceable Carbide inserts to fit all above toolholders.
Contains 3 Carbide inserts (18 cutting edges).

COMPRESSION TESTER

Durable, well-made gauge for checking valve and cylinder conditions. Full 2½" dial with large, easy-to-read numbers. Calibrated to 300 lbs. Designed for easy handling and use. For all cylinders on all cars except where special long stem is required, as below.

Stock No. C-5B



Stock No. F-3 ⟵
For testing Ford Motor Co. overhead valve and large truck engines.

Stock No. V-3 ⟶
For testing Chevrolet, Hudson, Nash, Studebaker and Packard V-8 engines.

Stock No. X-3 ⟶
For testing Chrysler Motor Co. and other V-8 engines.

We reserve the right to alter the design of any equipment illustrated.

Litho in U.S.A. d-m 59

TRUCUT Since 1933

NEW DEALER NET PRICES IN EFFECT JULY 1, 1959

F.O.B. Factory, Waukesha, Wis., U.S.A. No Freight Allowed - Terms 2% 10 - Net 30

Prices slightly higher west of the Rockies **Order by Stock Number** Subject to change without notice

Stock No.	Shipping Weight	Description	Dealer Net
B-10	41 lbs.	TRUCUT ARMATURE LATHE AND UNDERCUTTER	$ 97.50
B-15	45 lbs.	TRUCUT ARMATURE LATHE WITH MOTORIZED UNDERCUTTER	118.50
		NOTE: ***Neither B-10 nor B-15 includes M-160 armature motor. Unless motor is specifically ordered by stock number, shipment will be made without motor.***	
M-160	15 lbs.	MOTOR, 1/4 HP, 115 volt, 60 cycle, 1725 RPM, single phase, sleeve bearing, with cord, plug and toggle switch	24.50
242	1/4 lbs.	DOUBLE CUP CENTER, for Ford Motor Co. late model armatures	3.90
ATM-1	13 lbs.	TRUCUT ARMATURE TESTER, 115 volt, 60 cycle with 0 to 30 Ampere Meter, Double & Single Test Prods, Ruby Light	39.25
AT-2	9 lbs.	TRUCUT ARMATURE GROWLER	18.75
3000	7 lbs.	MOTORIZED UNDERCUTTER ASSEMBLY	27.50
FBP	3 lbs.	FORD GENERATOR BEARING PULLER with 1 Slotted Washer	7.50
BG-1	30 lbs.	TRUCUT BENCH GRINDER, 1/4 HP, 3450 RPM, 115V-60C-1 PH	49.75
ES-1	2 lbs.	SAFETY GLASS EYE SHIELDS, not standard equipment, pair	5.50
30	20 lbs.	TRUCUT MICA UNDERCUTTER, 115V-60C motor	69.50
30-C		Centers for #30 Undercutter, not standard equipment pair	3.25
40-L	9 lbs.	TRUCUT MICA UNDERCUTTER ATTACHMENT, 115V-60C motor	41.00
		Specify size of opening at end of slot on compound rest.	
100A	2 lbs.	ARMATURE SHAFT RE-THREADING TOOL	9.75
21TR	3 lbs.	TRUCUT TAILSTOCK REST WITH #1 MORSE TAPER ARBOR	15.00
22TR	3 lbs.	TRUCUT TAILSTOCK REST WITH #2 MORSE TAPER ARBOR	15.00
23TR	3 lbs.	TRUCUT TAILSTOCK REST WITH #3 MORSE TAPER ARBOR	15.00
PH-1F	175 lbs.	FLOOR TYPE TRUCUT HYDRAULIC PRESS, with adjustable bed only	195.00
PH-1B	140 lbs.	BENCH TYPE TRUCUT HYDRAULIC PRESS, with adjustable bed only	165.00
PH-2	4 lbs.	Pole Shoe Screw Driver Unit, with 1 straight 3/32" bit & 2 square 7/32" & 9/32" bits	22.50
PH-3	21 lbs.	Pair of Hanging Puller Bars	23.50
PH-4	9 lbs.	Pole Shoe Expander Unit	24.50
PH-4A	1 lbs.	1 Extra Pair of Extension Plates & Screws to increase capacity of PH-4	3.50
PH-6	6 lbs.	Pair of Straightening Blocks	7.75
PH-8	6 lbs.	V-Block	6.50
PH-9	16 lbs.	Axle Bearing Fixture (For use with Stock No. PH-1F Press only)	14.00
MP-1	29 lbs.	TRUCUT MANUAL UTILITY PRESS, complete with attachments	49.75
SB-3		#3 Phillips Screw Driver Bit, not standard equipment May be used with either Stock No. MP-1 or PH-2	5.95
PTL-11	5 lbs.	POWER TIMING LIGHT, for 6 and 12 volt systems	36.50
		TRUCUT CARBIDE BRAKE DRUM CUTTING TOOLS	
A-6		For Ammco, Dixie, Star and Van Norman lathes	12.50
R-6		For Barrett, Lempco and Reese lathes	12.50
R-10		For large Lempco lathe	14.95
L-10		For large Van Norman lathe	14.95
T-8		3 Replaceable Carbide Inserts (Fit all above toolholders)	6.90
C-5B	1 lbs.	COMPRESSION TESTER, calibrated to 300 lbs.	5.95
F-3	1 lbs.	Angle stem for above	4.80
V-3	1/2 lbs.	Angle stem for above	5.15
X-3	1/2 lbs.	Long, straight stem for above	3.00
PCF-1	12 lbs.	PISTON CENTERING FIXTURE (Not illustrated)	27.50
		ASSEMBLED PARTS FOR TRUCUT ARMATURE LATHE AND UNDERCUTTER. Component Parts Indicated on Next Page.	
1010		Headstock with Chuck Assembly	16.50
1100		Toolholder Assembly	7.25
1150		Toolholder Carriage Assembly	14.10
1200		Tailstock with Chuck Assembly	15.15
1300		Motor Base Assembly	7.05
2000		Undercutter Without Carriage Assembly	17.20
2010		Undercutter Carriage Assembly	5.65
2020		Undercutter Body Assembly	12.05

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Stock No.	PARTS LIST OF B-10 TRUCUT ARMATURE LATHE & UNDERCUTTER	Dealer Net
100	Lathe Bed (casting R1)	$ 20.50 each
101	Headstock (casting R3) (Part of Assembly No. 1010)	7.50 each
102	Headstock Hold on Screws	.30 each
104	Carriage Rails (Part of Assembly No. 1150)	1.00 each
105	Carriage Lead Screw (Part of Assembly No. 1150)	2.35 each
106	Ball Crank (casting R10) (Part of Assembly No. 1150)	1.50 each
106A	Ball Crank Set Screw (Part of Assembly No. 1150)	.20 each
106B	Ball Crank Fiber Washer (Part of Assembly No. 1150)	.15 each
107	Carriage Rail Nuts (Part of Assembly No. 1150)	.10 each
108	Allen Head Set Screw 1/4-20 x 3/16 (Part of Assembly No. 1100)	.15 each
109	Carriage Block (casting R4) (Part of Assembly No. 1150)	5.95 each
109A	Carriage Block Take Up Screw (Part of Assembly No. 1150)	.15 each
110	Toolholder (Part of Assembly No. 1100)	3.75 each
110A	Allen Head Wrench (Part of Assembly No. 1100)	.30 each
111	Tool Bit (Part of Assembly No. 1100)	1.15 each
111C	Tool Bit, Carbide tipped, Long Life (not standard equipment)	4.00 each
112	Toolholder Lock Screw (Part of Assembly No. 1150)	.75 each
113	Toolholder Feed Wheel (Part of Assembly No. 1100)	1.90 each
113A	Toolholder Feed Wheel Spring and Clip (Part of Assembly No. 1150)	.75 each
114	Toolholder Feed Wheel Lock Screw (Part of Assembly No. 1150)	.65 each
115	Chuck Outer Shell (Part of Assembly No. 1010)	4.50 each
116	Set of 6 chuck jaws	3.75 Set
116A	Set of 3 chuck jaws (Part of Assembly No. 1010 - 1200)	2.00 Set
117	Chuck Jaw Spring (Part of Assembly No. 1010 - 1200)	.25 each
118	Chuck Chip Shield (Part of Assembly No. 1010 - 1200)	.15 each
119	Thrust Plug Lock Screw (Part of Assembly No. 1010 - 1200)	.25 each
120	Thrust Plug (Part of Assembly No. 1010 - 1200)	2.15 each
122	Tailstock Ratchet Wrench and Special Nut	1.90 each
123	Tailstock (casting R2) (Part of Assembly No. 1200)	6.50 each
125	Tailstock Lock Bolt	.20 each
126	Tailstock Lock Washer	.10 each
130	Motor Base (casting R6) (Part of Assembly No. 1300)	3.50 each
131	Motor Base Pivot Pin (Part of Assembly No. 1300)	.85 each
131A	Motor Base Cotter Pins (Part of Assembly No. 1300)	.05 each
132	Motor Base Adjusting Post (Part of Assembly No. 1300)	.75 each
133	Motor Base Thumb Screw (Part of Assembly No. 1300)	.20 each
134	Motor Pulley, 1/2 inch bore	1.45 each
135	Motor Base Bolts (Part of Assembly No. 1300)	.25 each
135A	Motor Base Washers (Part of Assembly No. 1300)	.10 each
136	Armature Drive Belt 19" x 1"	1.70 each
136A	Armature Drive Belt 17" x 1" (not part of standard equipment)	1.70 each
200	Undercutter Spindle (with collar) (Part of Assembly No. 2000 - 2020)	2.95 each
201	Undercutter Body (casting R5) (Part of Assembly No. 2000 - 2020)	4.05 each
202	Undercutter Drive Pulley (Part of Assembly No. 2000 - 2020)	1.10 each
203	Undercutter Idlers (Part of Assembly No. 2000 - 2020)	1.10 each
204	Undercutter Pulley Set Screw (Part of Assembly No. 2000 - 2020)	.25 each
205	Undercutter Idler Pulley Pins (Part of Assembly No. 2000 - 2020)	.25 each
206	Undercutter Saw Retaining Screw L. H. Thread (Part of Assembly No. 2000 - 2020)	.25 each
207	Undercutter Adjusting Crank Lock Screw (Part of Assembly No. 2010)	.80 each
208	Undercutter Carriage (casting R12) (Part of Assembly No. 2010)	3.50 each
209	Undercutter Idler Pulley Washers, fiber (Part of Assembly Np. 2000 - 2020)	.10 each
210	Undercutter Saws, 5/16" OD, .127" ID — 45¢ each, 2.40 1/2 doz. Available in .010-.012-.015 (standard)-.018-.020 & .025 inch widths	4.00 doz.
211	Undercutter Belt	.95 each
212	Undercutter Lever and Link	1.40 each
213	Undercutter Lever Bushing	.25 each
214	Undercutter Lever Handle (wood)	.25 each
215	Lathe Bed Chip Shield	.65 each
217	Undercutter Coil Spring (Part of Assembly No. 2010)	.80 each
218	Undercutter Lift Foot (casting R8) (Part of Assembly No. 2000)	1.10 each
219	Undercutter Adjusting Screw (Part of Assembly No. 2000)	1.90 each
219A	Undercutter Adjusting Screw Nut (Part of Assembly No. 2000)	.15 each
220	Undercutter Body Post (Part of Assembly No. 2000)	1.80 each
221	Undercutter Lever Stud (Part of Assembly No. 2010)	.40 each
222	Undercutter Lever Stud Washer (Part of Assembly No. 2010)	.10 each
223	Undercutter Lever Screw	.10 each
224	Undercutter Lever Stud Nut (Part of Assembly No. 2010)	.10 each
225	Undercutter Body Post Screw (Part of Assembly No. 2000)	.15 each
240	Undercutter Body Post Set Screw (Part of Assembly No. 2000 - 2020)	.15 each

NOT PART OF STANDARD EQUIPMENT

240A	Hardened Steel Center, for centered shaft over 1-1/16" dia. or with gears on shaft	4.00 each

Prices Do Not Include Federal, State, or Local Taxes, If Any.